

TRANSPORT STREAM PARSER

ABSTRACT OF THE INVENTION

A transport stream parser is described. In particular, the transport stream parser
5 is incorporated in a host system such as a set top box. The transport stream parser
operates on a data stream having a plurality of packets that have MPEG data.

Specifically, sometime after the transport stream is received by the host system, the
transport stream is directed to the transport stream parser. The transport stream parser
selects TS (transport stream) packets from the transport stream by searching for a first
10 plurality of codes in a first portion of each TS packet. Moreover, the transport stream
parser scans a data payload of the selected TS packets for a second plurality of codes
to determine a plurality of parsing result codes. In addition, the transport stream parser
adds a parsing result word having the parsing result codes to each TS packet.